ABSTRACT

An optoelectric module adapted to cooperate with a multi-fiber array by displacing a plurality of OEDs from the fiber array at least along the z,y-axes or a combination thereof while maintaining their alignment along either the x-axis of the fiber array, the module comprising: (a) a connector interface adapted to interconnect with a multi-fiber assembly having an x,y array of fibers; (b) a plurality of OEDs for converting between optical and electrical signals; and (c) optical paths wherein each optical path has a first end adapted for optically coupling with a corresponding fiber in an x,y array of fibers and a second end for optically coupling with a corresponding OED, wherein the distance between the second ends of at least two optical paths is greater than the distance between their corresponding first ends and wherein the distance across the second ends along the x-axis is no greater than the distance across the first ends along the x-axis.